

Appl. No. : 10/577,606
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AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of manufacturing a slip-resistant photoluminescent device, comprising the steps:
 - a) preparing a first powdered component comprising at least a resin and a friction-enhancing material;
 - b) preparing a second powdered component comprising at least a resin and a photoluminescent pigment;
 - c) providing a substrate having at least one first recess configured for receiving the first powdered component and at least one second recess configured for receiving the second powdered component;
 - d) dispensing the first and second powdered components into the first and second recesses, and
 - e) heating the powdered components to fuse the resins and bond them to surfaces of the respective recesses.
2. (Original) The method of claim 1 wherein both resins are a heat curable polymer.
3. (Original) The method of claim 2 wherein both resins are hydroxy or carboxyl polyester.
4. (Previously Presented) The method of claim 1 wherein the substrate is an elongate metal strip and the recesses are parallel and longitudinally extending.
5. (Previously Presented) The method of claim 1 wherein the first and second powdered components are dispensed simultaneously.
6. (Previously Presented) The method of claim 1 wherein the first and second powdered components are mounded up in the first and second recesses so as to extend above an upper edge of each recess.

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7. (Previously Presented) The method of claim 1 wherein the first and second recesses face upwardly when dispensing the first and second powdered components and each powdered component is gravity fed from a hopper through a die into the respective recesses

8. (Original) The method of claim 7 wherein the substrate is fed past each die while maintaining sliding engagement therewith so as to dispense the powdered components into recesses.

9. (Previously Presented) The method of claim 1 wherein the substrate comprises a channel between the first and second recesses for receiving traces of the first and second components that may spill from the adjacent recesses.

10. (Previously Presented) A slip-resistant photo-luminescent device formed by the method of claim 1.

11. (Original) A slip-resistant photo-luminescent device comprising:

a substrate having at least one first recess and at least one second recess therein

a strip of photo-luminescent material bonded to each first recess,

a strip of friction-enhancing material bonded to each second recess, wherein

both the strip of photo-luminescent material and strip of friction-enhancing material are formed from heat-curable powdered resins heated to fuse the resins and bond them to surfaces of the respective recesses.

12. (Original) The slip-resistant photo-luminescent device of claim 11 wherein the substrate includes a channel between the first and second recesses for receiving traces of the powdered resins that may spill from the adjacent recesses.

13. (Currently Amended) Apparatus for manufacturing slip-resistant photo luminescent devices, the apparatus comprising:

a first hopper adapted to contain the first powdered component, the first hopper being adapted to allow continuous transfer of the powdered component from the first hopper through a first die to the first at least one recess by operation of gravity;

a second hopper adapted to contain the second powdered component, the second hopper being adapted to allow continuous transfer of the powdered component from the second hopper through a second die to the second at least one recess by operation of gravity;

a transport device for holding the substrate below the hopper in sliding engagement with the first and second dies to permit continuous delivery of the first and second powdered components into the recesses; and

an oven adapted to receive at least a portion of the substrate, the oven providing sufficient heat to turn the first and second components into a molten mixture, .

wherein a trailing edge of each die governs the depth of the powdered component dispensed into the recesses and the trailing edge is shaped to provide mounds of powdered component extending above the uppermost edge of the recesses.

14.-15. (Canceled)